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ABSTRACT

A cutting tool assembly including a cutting bit having a head and a cylindrical shank portion of substantially constant diameter depending from the head as well as a bit holder including a cylindrical bore for receiving the cylindrical shank portion of the The shank portion includes an annular cutting bit. The cutting tool assembly further recessed groove. includes a retainer sleeve disposed between the shank portion of the cutting bit and the bore of the bit holder and which closely conforms about the shank portion while allowing the shank portion to rotate The retainer sleeve includes at least within the bore. one inwardly folded over stop tab that cooperates with the recessed groove to axially position the shank within the retainer. The retainer includes stop tabs that are bent around beyond the shear cut lines of the tab opening so that the hub portions of the shank do not transmit a force against these weakened shear cut The shank hub is positioned so areas of the retainer. that the hub rotates against only those portions of the retainer that are not weakened by shear line openings.